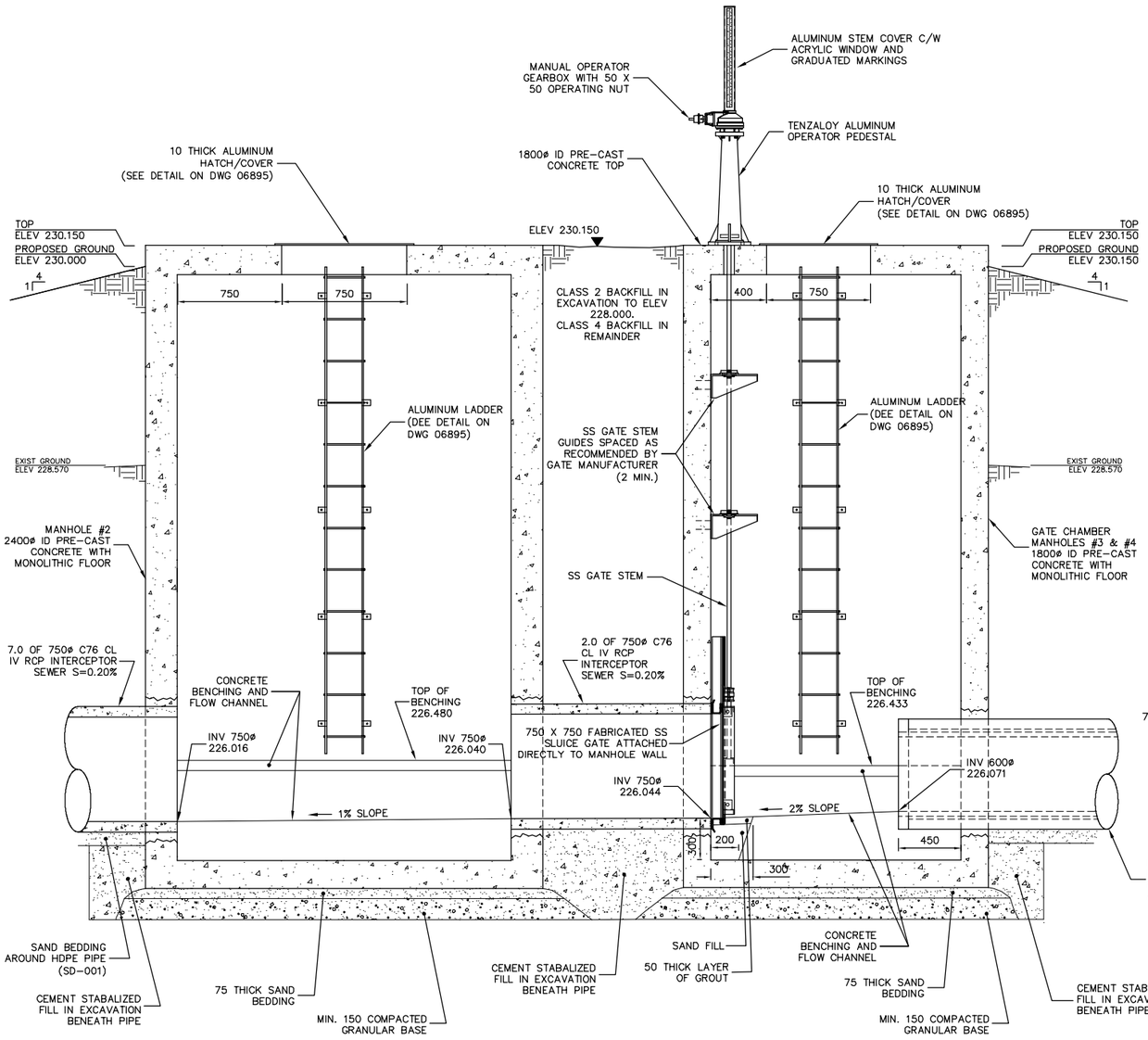
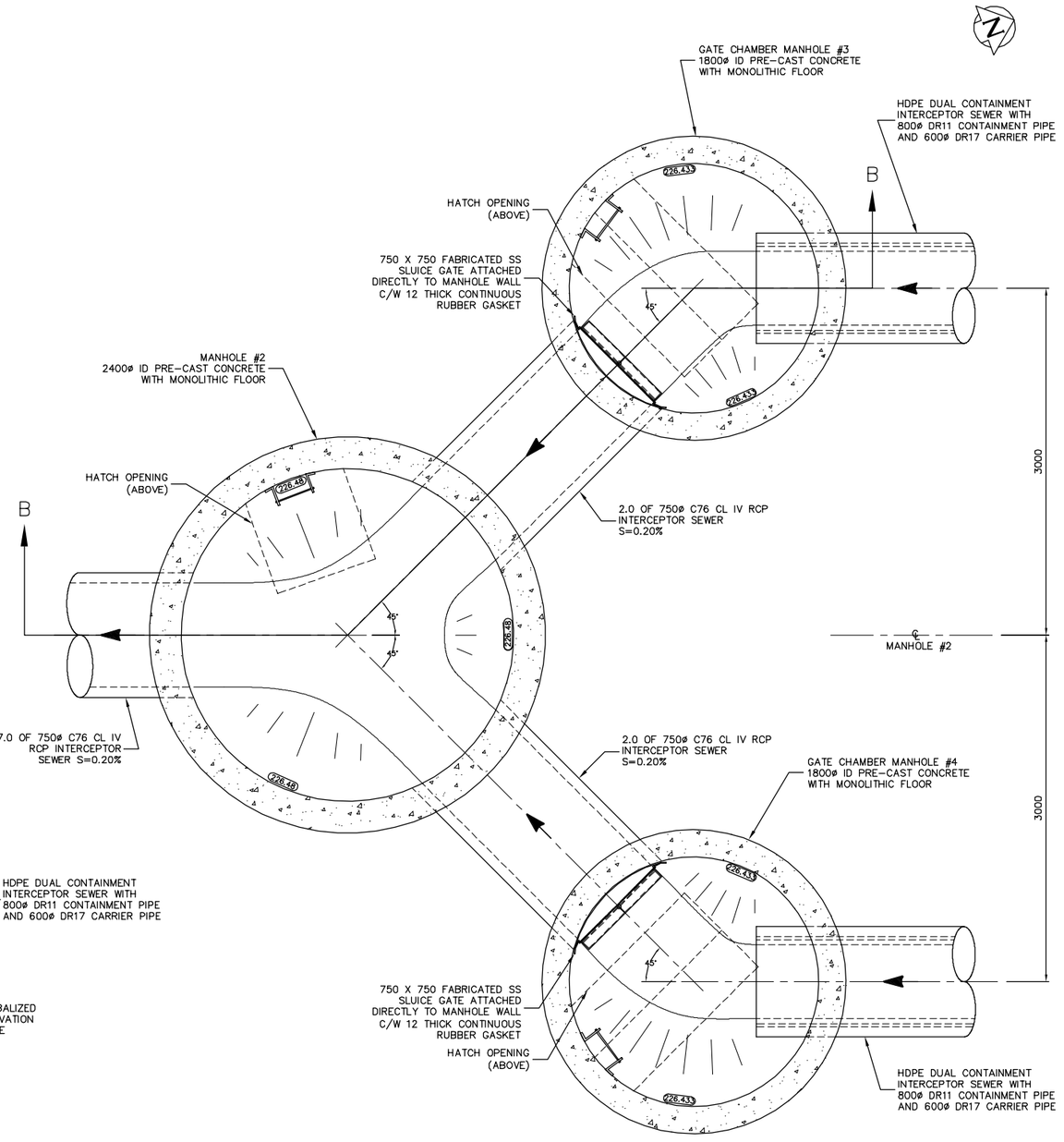


SECTION B–B

SCALE 1:20



RIVER CROSSING SIPHON OUTLET MANHOLES PLAN VIEW – ELEV 227.500

SCALE 1:20

NOTES:

1. INSTALL PRE-CAST MANHOLES IN ACCORDANCE WITH CW-2030 AND SD-010.
2. ALL NUTS, BOLTS AND ANCHORS TO BE TYPE 3166 SS UNLESS NOTED OTHERWISE.
3. APPLY BITUMINOUS ISOLATION COATING BETWEEN ALUMINUM AND CONCRETE SURFACES.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPOSED	LEGEND–PLAN	EXISTING	PROPOSED	LEGEND–PLAN	EXISTING	PROPOSED	LEGEND–PROFILE	EXISTING
200 WM	WATERMAIN	200 WM		SL , HYDRO	150 WM	WATERMAIN		150 WM
	HYDRANT			MTS		HYDRANT		
	VALVE			TRAFFIC SIGNALS		VALVE		
525 LDS	LAND DRAINAGE SEWER	525 LDS	50 GAS	GAS	50 GAS	LAND DRAINAGE SEWER	300 LDS	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS		SURVEY BAR		WASTEWATER SEWER	250 WWS	250 WWS
	MANHOLE			FENCE		℄ PROFILE		
	CATCH BASIN			POLE – HYDRO, MTS		GROUND ABOVE PIPE		
	CURB INLET			CURB STOP		? DITCH (NORTH & WEST)		
	JUNCTIONS			GUY ANCHOR		? DITCH (SOUTH & EAST)		
	CULVERT			LIGHT STANDARD		GUTTER (NORTH & WEST)		
	ANODE			TREE		GUTTER (SOUTH & EAST)		

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/C STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV. | FIELD BOOK #:
POSTED TO LBIS

NO.	REVISIONS	DATE	BY

CITY OF WINNIPEG
WATER AND WASTE
ENGINEERING DIVISION

DESIGNED BY	TW	CHECKED BY	TW
DRAWN BY	CJH	APPROVED BY	KZ
HOR. SCALE	AS	RELEASED FOR CONSTRUCTION	
VERTICAL	SHOWN		
DATE	2007 12 06	DATE	

ENGINEER'S SEAL

ORIGINAL SIGNED BY
K.R. ZUREK
07/12/06

BID OPPORTUNITY: 885–2007
FILENAME : 06894.dwg
PLOT DATE: 2007 12 06

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2007 RENEWAL OF THE WILLOW–CRANE INTERCEPTOR SEWER RED RIVER CROSSING

SIPHON OUTLET GATE CHAMBER MANHOLES PLAN AND SECTION VIEWS

SHEET 3 OF 4

CITY DRAWING NUMBER
06894